

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4117	(ultra adj wideband )or uwb or (ultra adj wide adj band)	US-PGPUB; USPAT	OR	ON	2007/02/06 14:15
L2	5848	(ultra adj wideband )or uwb or (ultra adj wide adj band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 14:15
L3	1655012	ic or (integrated adj circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 14:16
L4	108	2 with 3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 14:16
L5	24450434	@ad<"20030624"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 14:17
L6	28	4 and 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 14:43
L7	78677	mimic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 14:44

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L8	0	2 with 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 14:44
L9	5	2 same 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/06 14:44

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IEEE JNL IEEE Journal or Magazine

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IEE JNL IEE Journal or Magazine

1. An interference robust 0.18/ $\mu$ m CMOS 3.1-8GHz receiver front-end  
Cusmai, G.; Brandolini, M.; Rossi, P.; Svelto, F.;  
*Custom Integrated Circuits Conference, 2005. Proceedings of the IEEE 2005*  
18-21 Sept. 2005 Page(s):157 - 160  
Digital Object Identifier 10.1109/CICC.2005.1568631

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IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

2. A 18-45 GHz double-balanced mixer with integrated LO amplifier and unidirectional broadside-coupled balun  
Morkner, H.; Kumar, S.; Vice, M.;  
*Gallium Arsenide Integrated Circuit (GaAs IC) Symposium, 2003. 25th Annual 2003. IEEE*  
2003 Page(s):267 - 270  
Digital Object Identifier 10.1109/GAAS.2003.1252409

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1. **Ultra-Compact High-Linearity High-Power Fully Integrated DC-20-GHz 0.1 {m}\$\$ CMOS T/R Switch**  
Jin, Y.; Nguyen, C.; [Microwave Theory and Techniques, IEEE Transactions on](#) Volume 55, Issue 1, Jan. 2007 Page(s):30 - 36  
Digital Object Identifier 10.1109/TMTT.2006.888944

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IEEE CNF IEEE Conference Proceeding

2. **A 0.18-\$mu\$box m\$CMOS Selective Receiver Front-End for UWB Application**  
Cusmai, G.; Brandolini, M.; Rossi, P.; Svelto, F.; [Solid-State Circuits, IEEE Journal of](#) Volume 41, Issue 8, Aug. 2006 Page(s):1764 - 1771  
Digital Object Identifier 10.1109/JSSC.2006.877256

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IEEE STD IEEE Standard

3. **Codesign of an impulse generator and miniaturized antennas for IR-UWB**  
Bagga, S.; Vorobyov, A.V.; Haddad, S.A.P.; Yarovoy, A.G.; Serdijn, W.A.; Long [Microwave Theory and Techniques, IEEE Transactions on](#) Volume 54, Issue 4, Part 2, June 2006 Page(s):1656 - 1666  
Digital Object Identifier 10.1109/TMTT.2006.872036

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4. **Timing with Dirty Templates for Low-Resolution Digital UWB Receivers**

Huilin Xu; Liuqing Yang; [Ultra-Wideband, The 2006 IEEE 2006 International Conference on](#) Sept. 2006 Page(s):321 - 326  
Digital Object Identifier 10.1109/ICU.2006.281570

[AbstractPlus](#) | Full Text: [PDF\(5935 KB\)](#) [IEEE CNF Rights and Permissions](#)

5. **A novel low power UWB transmitter IC**

Gui-Duo Lim; Yuanjin Zheng; Wooi-Gan Yeoh; Yong Lian; [Radio Frequency Integrated Circuits \(RFIC\) Symposium, 2006 IEEE](#) 11-13 June 2006 Page(s):4 pp.  
Digital Object Identifier 10.1109/RFIC.2006.1651143

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- 6. **On the Design of Ultra Wideband FCC Compliant Integrated Radars**  
Cacciatori, A.; Colalongo, L.; Vajna, Z.M.K.;  
[Research in Microelectronics and Electronics 2006, Ph. D.](#)  
12-15 June 2006 Page(s):469 - 472  
[AbstractPlus](#) | Full Text: [PDF\(376 KB\)](#) IEEE CNF  
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- 7. **A coherent ultra-wideband receiver IC system for WPAN application**  
Yan Tong; Yuanjin Zheng; Yong-Ping Xu;  
[Ultra-Wideband, 2005. ICU 2005. 2005 IEEE International Conference on](#)  
5-8 Sept. 2005 Page(s):60 - 64  
Digital Object Identifier 10.1109/ICU.2005.1569957  
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- 8. **15-27 GHz pseudo-noise UWB transmitter for short-range automotive rad production SiGe technology**  
Veenstra, H.; van der Heijden, E.; van Goor, D.;  
[Solid-State Circuits Conference, 2005. ESSCIRC 2005. Proceedings of the 31:](#)  
12-16 Sept. 2005 Page(s):275 - 278  
Digital Object Identifier 10.1109/ESSCIR.2005.1541613  
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- 9. **A 1.2V 6.7mW impulse-radio UWB baseband transceiver**  
Chia-Hsiang Yang; Kuan-Hung Chen; Tzi-Dar Chiueh;  
[Solid-State Circuits Conference, 2005. Digest of Technical Papers. ISSCC. 2005 International](#)  
6-10 Feb. 2005 Page(s):442 - 608 Vol. 1  
Digital Object Identifier 10.1109/ISSCC.2005.1494059  
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- 10. **An ultra wideband low complexity circuit transceiver architecture for sensor networks**  
Stoica, L.; Tiuraniemi, S.; Oppermann, I.; Repo, H.;  
[Circuits and Systems, 2005. ISCAS 2005. IEEE International Symposium on](#)  
23-26 May 2005 Page(s):364 - 367 Vol. 1  
Digital Object Identifier 10.1109/ISCAS.2005.1464600  
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- 11. **Ultra wide bandwidth (UWB): gigabit wireless communications for battery-free consumer applications**  
McCorkle, J.;  
[VLSI Circuits, 2005. Digest of Technical Papers. 2005 Symposium on](#)  
16-18 June 2005 Page(s):6 - 9  
Digital Object Identifier 10.1109/VLSIC.2005.1469321  
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- 12. **Differential and single ended elliptical antennas for 3.1-10.6 GHz ultra wideband communication**  
Powell, J.; Chandrakasan, A.;  
[Antennas and Propagation Society International Symposium, 2004. IEEE](#)  
Volume 3, 20-25 June 2004 Page(s):2935 - 2938 Vol.3  
Digital Object Identifier 10.1109/APS.2004.1331993

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- 13. A low power noncoherent CMOS UWB transceiver ICs**  
Yuanjin Zheng; Yan Tong; Jiangnan Yan; Yong-Ping Xu; Wooi Gan Yeoh; Fuji  
[Radio Frequency integrated Circuits \(RFIC\) Symposium, 2005. Digest of Paper](#)  
12-14 June 2005 Page(s):347 - 350  
Digital Object Identifier 10.1109/RFIC.2005.1489805  
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- 14. UWB interference cancellation receiver in dense multipath fading channel**  
Seungyoup Han; ChoongChae Woo; Daesik Hong;  
[Vehicular Technology Conference, 2004. VTC 2004-Spring. 2004 IEEE 59th](#)  
Volume 2, 17-19 May 2004 Page(s):1233 - 1236 Vol.2  
Digital Object Identifier 10.1109/VETECS.2004.1389029  
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- 15. An ultra-wideband CMOS LNA for 3.1 to 10.6 GHz wireless receivers**  
Bevilacqua, A.; Niknejad, A.M.;  
[Solid-State Circuits Conference, 2004. Digest of Technical Papers. ISSCC. 2004 International](#)  
15-19 Feb. 2004 Page(s):382 - 533 Vol.1  
Digital Object Identifier 10.1109/ISSCC.2004.1332754  
[AbstractPlus](#) | Full Text: [PDF\(1952 KB\)](#) | [Multimedia](#) IEEE CNF  
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- 16. Ultra wide band 24 GHz automotive radar front-end**  
Gresham, I.; Jenkins, A.; Egri, R.; Eswarappa, C.; Kolak, F.; Wohlert, R.; Benn  
P.;  
[Radio Frequency Integrated Circuits \(RFIC\) Symposium, 2003 IEEE](#)  
8-10 June 2003 Page(s):505 - 508  
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